

IN THE CLAIMS

The claims have been rewritten as follows:

1. (Amended) A vehicle mirror assembly comprising:

a mirror frame;

a rotor rotatably mounted with respect to the mirror frame;

a member for rotating the rotor with respect to the mirror frame;

a connection member operably interposed between the rotor and the mirror frame allowing pivoting of the rotor with respect to the mirror frame; and

a mirror, having a reflective surface, mounted with respect to the rotor so that the surface remains substantially parallel to the plane in which the rotor rotates, whereby the rotor stabilises the mirror against tilting vibrational movement.

2. (Amended) A vehicle mirror assembly as claimed in claim 1, wherein the connection member is arranged and constructed such that the angle of the mirror surface, with respect to the mirror frame, can be adjusted.

3. (Amended) A vehicle mirror assembly as claimed in claim 2 further comprising a support portion interposed between the mirror frame and the rotor, the support portion supporting the rotor.

4. (Amended) A vehicle mirror assembly as claimed in claim 3, wherein the connection member comprises:

a pivot mounting interposed between the mirror frame and the support portion; and

at least two legs operably interposed between the mirror frame and the support portion, each leg comprising an actuator for adjusting the no-load length of the leg and a vibration absorber connected in series to the actuator,

wherein the actuator enables adjustment of the timed-averaged orientation of the mirror with respect to the mirror frame and the vibration absorbers reduce the transmission of vibration forces from the mirror frame to the support portion.

5. (Amended) A vehicle mirror assembly as claimed in claim 4, wherein the vibration absorbers each comprises a spring member and a damper member operable in parallel.

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6. (Amended) A vehicle mirror assembly as claimed in claim 1, wherein the rotor is a substantially disc-shaped flywheel.

8. (Amended) A vehicle mirror assembly as claimed in claim 1, wherein the member for rotating the rotor is air driven.

9. (Amended) A vehicle mirror assembly as claimed in claim 8, wherein the member for rotating comprises vanes mounted to the rotor and an air passage arranged and constructed so as to direct air through the vanes.

10. (Amended) A vehicle mirror assembly as claimed in claim 1, wherein the member for rotating the rotor comprises an electric motor.

11. (Amended) A vehicle mirror assembly as claimed in claim 1, wherein the

mirror frame comprises a case substantially encapsulating the support portion, rotor and mirror from behind the mirror surface.

12. (Amended) A vehicle external rear vision mirror assembly comprising:
a support arm having a proximal and a distal end, the distal end for attaching to a vehicle;

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a mirror frame mounted on or integral with the proximal end of the support arm;

a support portion connected to the mirror frame;
a rotor rotatably mounted with respect to the support portion;
a member for rotating the rotor;
a mirror mounted to the support portion, the mirror having a reflective surface orientated substantially normal to the rotational axis of the rotor; and
a connection member connecting the support portion to the mirror frame, the connection member arranged and constructed such that the angle of the support portion, with respect to the mirror frame, can be adjusted, whereby the rotor stabilises the mirror against tilting vibrational movement.

13. (Amended) A mirror assembly as claimed in claim 12 wherein the connection member comprises:

a pivot mounting interposed between the mirror frame and the support portion; and

at least two legs operably interposed between the mirror frame and the support portion, each leg comprising an actuator for adjusting the no-load length of the leg and a vibration absorber connected in series to the actuator,

wherein the actuator enables adjustment of the time-averaged orientation of the mirror with respect to the mirror frame and the vibration absorbers reduce the transmission of vibration forces from the mirror frame to the support portion.

14. (Amended) A mirror assembly as claimed in claim 13 wherein the vibration absorbers each comprises a spring member and a damper member operable in parallel.

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15. (Amended) A mirror assembly as claimed in claim 12, wherein the rotor is a substantially disc shaped flywheel.

17. (Amended) A vehicle mirror assembly as claimed in claim 12, wherein the member for rotating the rotor is air driven.

18. (Amended) A vehicle mirror assembly as claimed in claim 17, wherein the member for rotating comprises vanes mounted to the rotor and an air passage arranged and constructed so as to direct air through the vanes.

19. (Amended) A vehicle mirror assembly as claimed in claim 12, wherein the member for rotating the rotor comprises an electric motor.

20. (Amended) A vehicle mirror assembly as claimed in claim 12, wherein the mirror frame comprises a case substantially encapsulating the support portion, rotor and mirror from behind the mirror surface.

21. (Amended) A vehicle external rear vision mirror assembly comprising:
a support arm having a proximal and a distal end, the distal end for
attaching to a vehicle;
a mirror frame mounted on or integral with the proximal end of the support
arm;
a support portion connected to the mirror frame;
a rotor rotatably mounted with respect to the support portion;
a member for rotating the rotor;
a mirror mounted directly to, or integral with the rotor, the mirror having a
reflective surface orientated substantially normal to the rotational axis of the rotor; and
a connection member connecting the support portion to the mirror frame,
the connection member arranged and constructed such that the angle of the support
portion, with respect to the mirror frame, can be adjusted,
whereby the rotor stabilises the mirror against tilting vibrational movement.

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22. (Amended) A mirror assembly as claimed in claim 21 wherein the
connection member comprises:
a pivot mounting interposed between the mirror frame and the support
portion; and
at least two legs operably interposed between the mirror frame and the
support portion, each leg comprising a actuator for adjusting the no-load length of the
leg and a vibration absorber connected in series to the actuator,
wherein the actuator enables adjustment of the time-averaged orientation
of the mirror with respect to the mirror frame and the vibration absorbers reduce the
transmission of vibration forces from the mirror frame to the support portion.

23. (Amended) A mirror assembly as claimed in claim 22 wherein the vibration absorbers each comprises a spring member and a damper member operable in parallel.

24. (Amended) A mirror assembly as claimed in claim 20 wherein the rotor is a substantially disc shaped flywheel.

26. (Amended) A vehicle mirror assembly as claimed in claim 20, wherein the member for rotating the rotor is air driven.

27. (Amended) A vehicle mirror assembly as claimed in claim 26, wherein the member for rotating comprises vanes mounted to the rotor and an air passage arranged and constructed so as to direct air through the vanes.

28. (Amended) A vehicle mirror assembly as claimed in claim 20, wherein the member for rotating the rotor comprises an electric motor.

29. (Amended) A vehicle mirror assembly as claimed in claim 20, wherein the mirror frame comprises a case substantially encapsulating the support portion, rotor and mirror from behind the mirror surface.

30. (Amended) A mirror assembly as claimed in claim 21 wherein the rotor is eccentrically mounted so that its rotation causes lateral vibration, whereby the vibration reduced the adhesion of water droplets to the mirror surface.